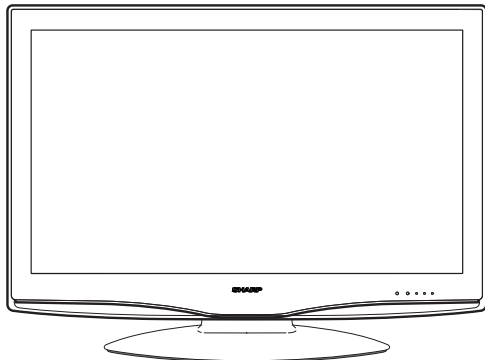
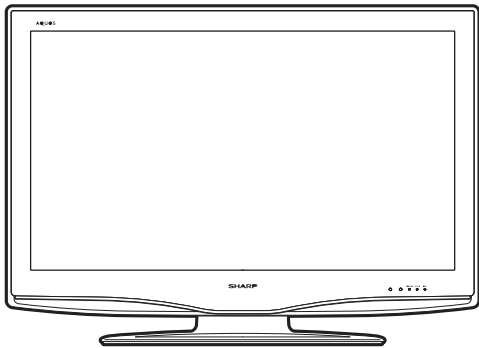


SHARP SERVICE MANUAL

No. S97Q9LC37HT3U

**LC-37HT3U****LC-37M43U**

SUPPLEMENT

LCD COLOR TELEVISION

LC-37HT3U
MODELS LC-37M43U

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

OUTLINE

In this Service Manual, only parts in the LCD module are shown. For the other points, refer to the LC-37HT3U (S97P6LC32HT3U) or LC-37M43U (S77L7LC32M43U) Service Manual and LC-32/37D42U (S06X9LC32D42U) Service Manual.

Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

OUTLINE AND ADJUSTMENT

[1] Outline

In this Service Manual, only parts in the LCD module are shown. For the other points, refer to the LC-37HT3U (S97P6LC32HT3U) or LC-37M43U (S77L7LC32M43U) Service Manual and LC-32/37D42U (S06X9LC32D42U) Service Manual.

[2] Adjustment

When replacing the LCD control PCB, follow these steps to adjust VCOM.

- 1) Remove the wire from the LCD control PCB CN3.
- 2) Connect a wire of the VCOM adjustment jig (electronic volume adjustment BOX) to CN3 (see Fig. 1).
- 3) Turn on the TV set.
- 4) Turn on the jig (connect to the AC).
- 5) Enter the process mode to display the item "LCD TEST PATTERN OFF" (see Fig. 2).
- 6) Press the volume up key once to display a flicker pattern.
- 7) Press the jig's UP/DOWN switch while looking at the screen to adjust the point so that the flicker is minimized (see Fig. 3).
- 8) After completing adjustment, press the WRITE switch and make sure the lamp of the WRITE button goes out. (Writing is complete when the lamp goes out.)
- 9) Turn off the jig (turn the AC off).
- 10) Turn off the TV set.
- 11) Remove the jig's wire connected to CN3.
- 12) Reconnect the wire of the set to CN3.

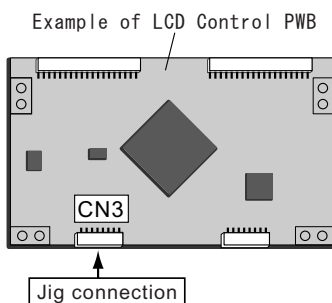


Fig. 1 Jig connecting location



Fig. 2 Test pattern selection screen

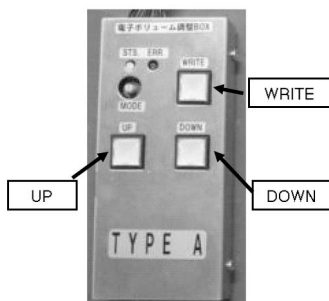
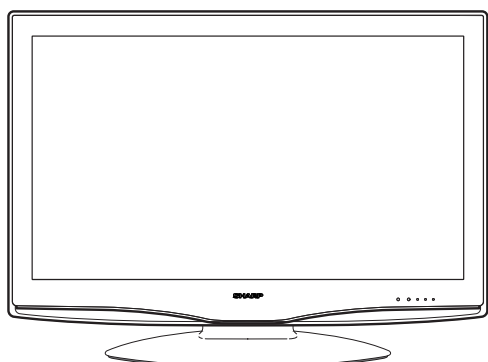


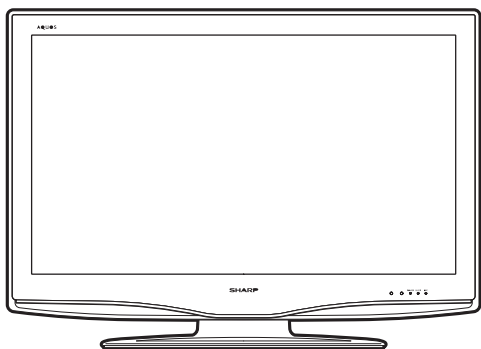
Fig. 3 VCOM adjustment jig (RUNTZA059WJZZ)

SHARP PARTS GUIDE

No. S97Q9LC37HT3U



LC-37HT3U



LC-37M43U

LCD COLOR TELEVISION

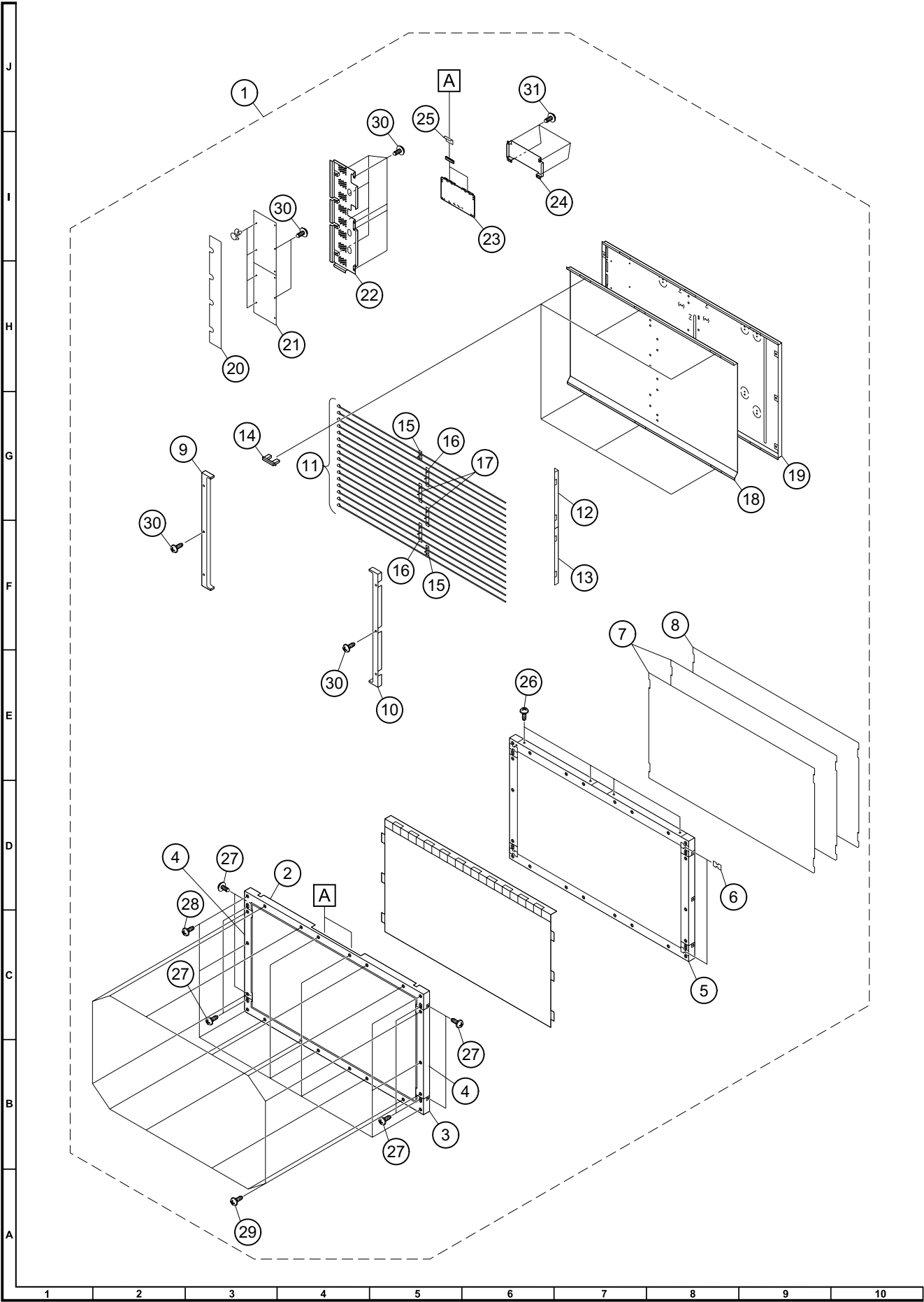
LC-37HT3U
MODELS LC-37M43U

CONTENTS

[1] LCD MODULE Assembly

Parts marked with "△" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

[1] LCD MODULE Assembly



NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[1] LCD MODULE Assembly					
1	R1LK370T3LZ6CZ	EZ	N	J	LCD Module Ass'y
2	CANGTA274WJ01	AX	N	J	Vessel (Top)
3	CANGTA277WJ01	AW	N	J	Vessel (Bottom)
4	CANGTA275WJ01	AN	N	J	Vessel (L, R), x2
5	CHLDZA701WJ01	BD	N	J	Panel Holder Ass'y
6	CHLDZA711WJ01	AD	N	J	Spacer Ass'y, x2
7	PSLDK2674TPGZ	AY	N	J	Diffusion Sheet, x2
8	PSLDK2677TPGZ	BF	N	J	Diffusion Panel
9	CHLDZ3412TP01	AN	N	J	Lamp Holder-L
10	CHLDZ3413TP01	AN	N	J	Lamp Holder-R
11	CLMPCA003WJ02	BC	N	J	Lamp Unit, x8
12	LHLDZ3414TPZZ	AE	N	J	Lamp Holder (Bottom-A)
13	LHLDZ3415TPZZ	AE	N	J	Lamp Holder (Bottom-B)
14	LHLDZA709WJKZ	AC		J	Sheet Holder, x6
15	LHLDZ3410TPZZ	AD	N	J	Lamp clip A, x2
16	LHLDZ3411TPZZ	AD	N	J	Lamp clip B, x2
17	LHLDZ3614TPZZ	AD	N	J	Lamp clip C, x2
18	PREFL2390TPZZ	AX	N	J	Reflection Mirror
19	CANGK3715TP01	BL	N	J	Chassis
20	PZETE3991TPZZ	AN	N	J	Insulation Sheet
21	RDENC2300TPZA	BQ	N	J	INVERTER Unit
22	LANGK3716TPZZ	AP	N	J	Shield Plate (for Inverter)
23	CPWBX3547TPZB	BR	N	J	LCD CONTROL Unit
24	PSLDMA893WJFW	AK	N	J	Shield Plate (for LCD CONTROL Unit)
25	QPBMD670WJGZ	AK	N	J	CS-FPC1, x2
26	LX-LZA101WJZZ	AC		J	Clip, x4
27	LX-BZ2102TPZZ	AB	N	J	Screw, x8
28	XEPS930P10000	AA		J	Screw, x10
29	XBPSN30P14000	AA		J	Screw, x12
30	XBPS730P06WS0	AA		J	Screw, x12
31	XBPS730P06000	AA		J	Screw, x4

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